

FIG. 1

TOH020-E8028760

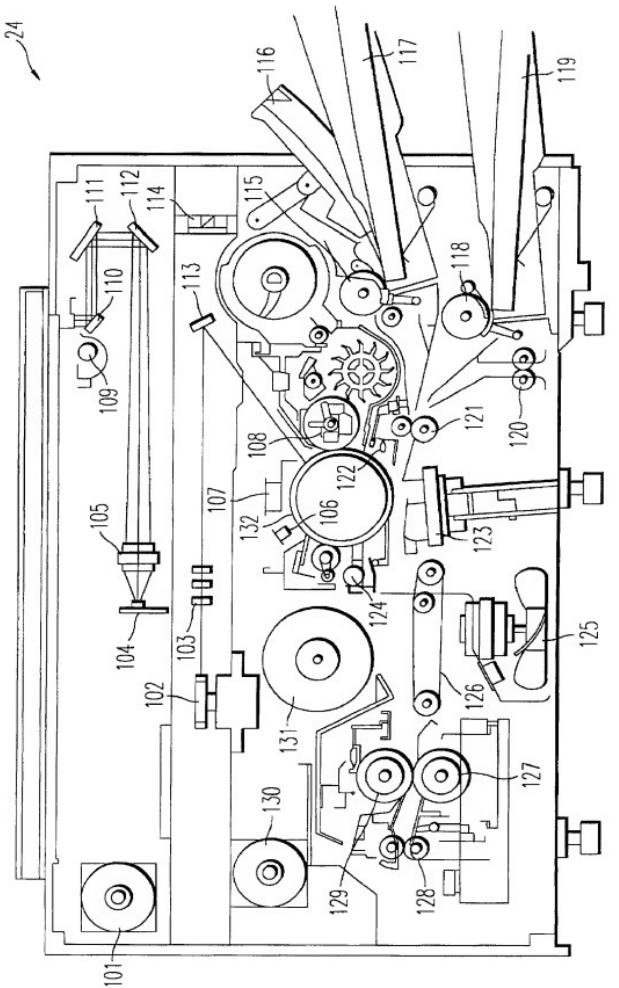


FIG. 2

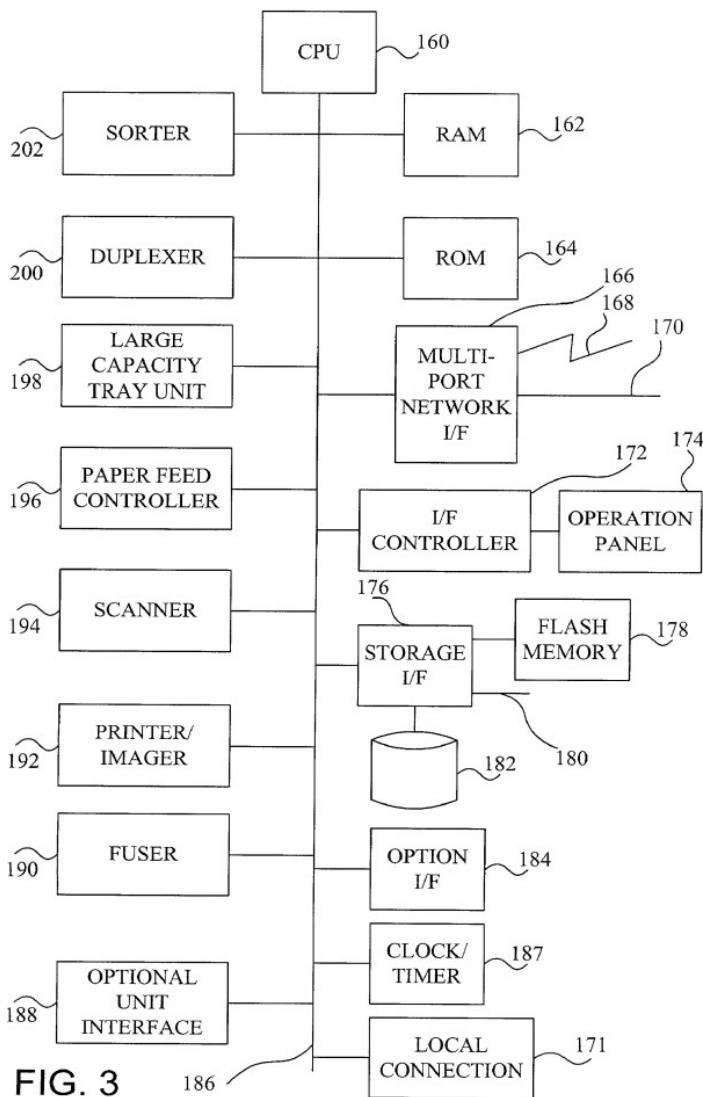
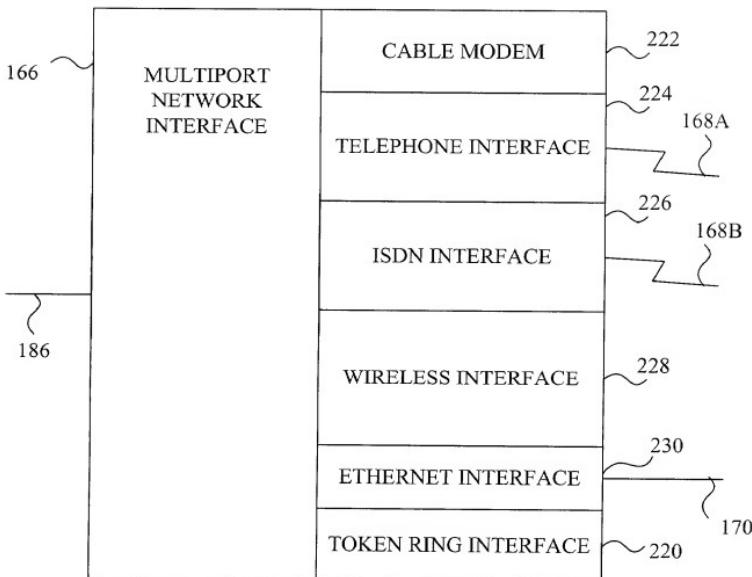


FIG. 3

186

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**FIG. 4**

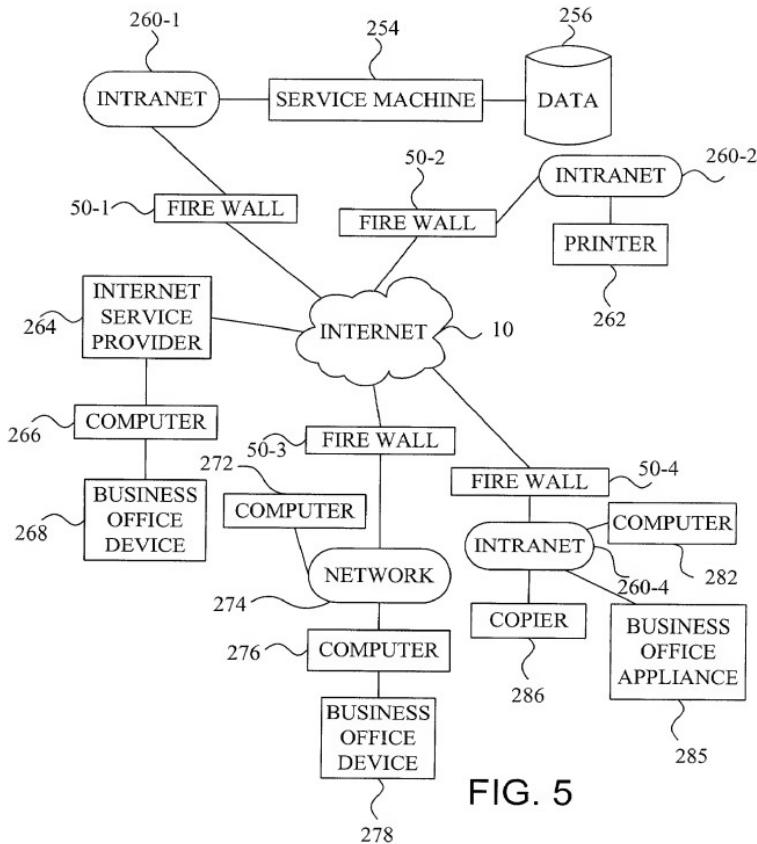


FIG. 5

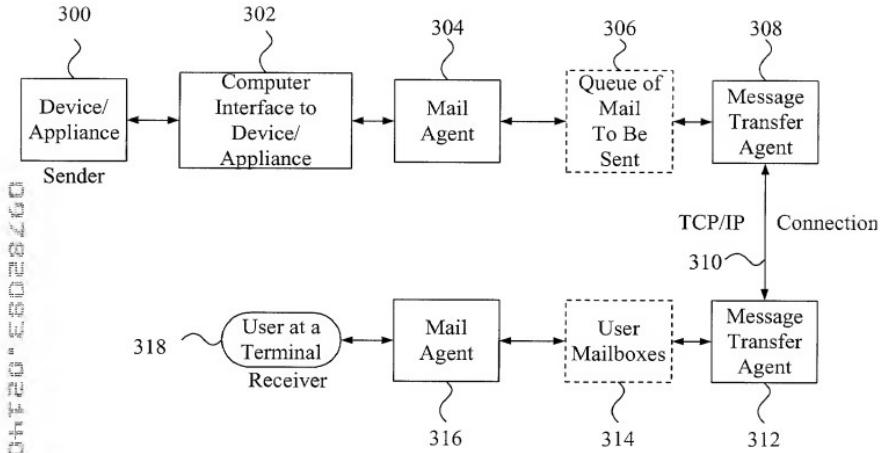


FIG. 6A

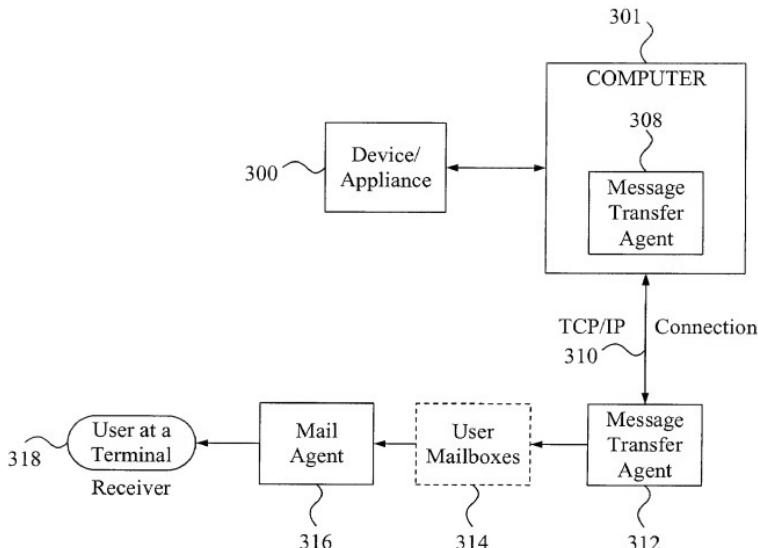


FIG. 6B

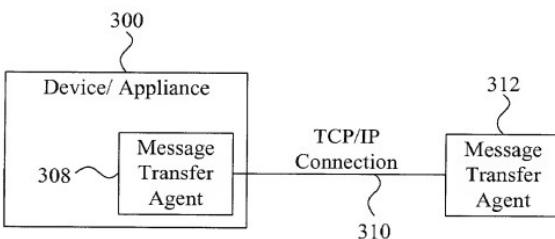


FIG. 6C

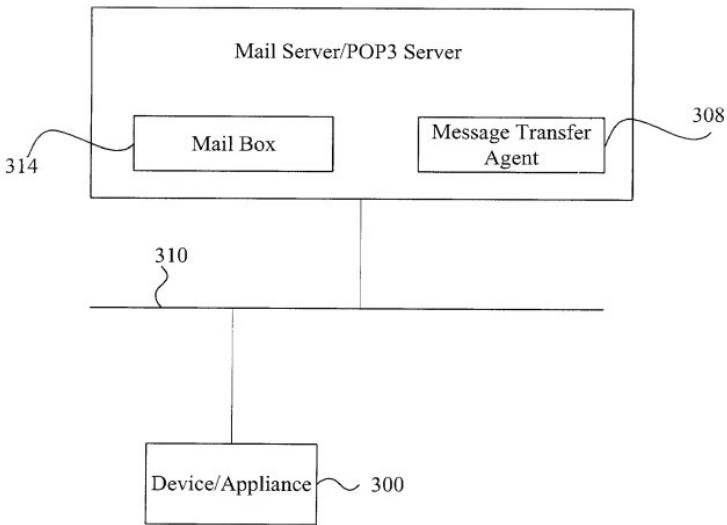


Fig. 6D

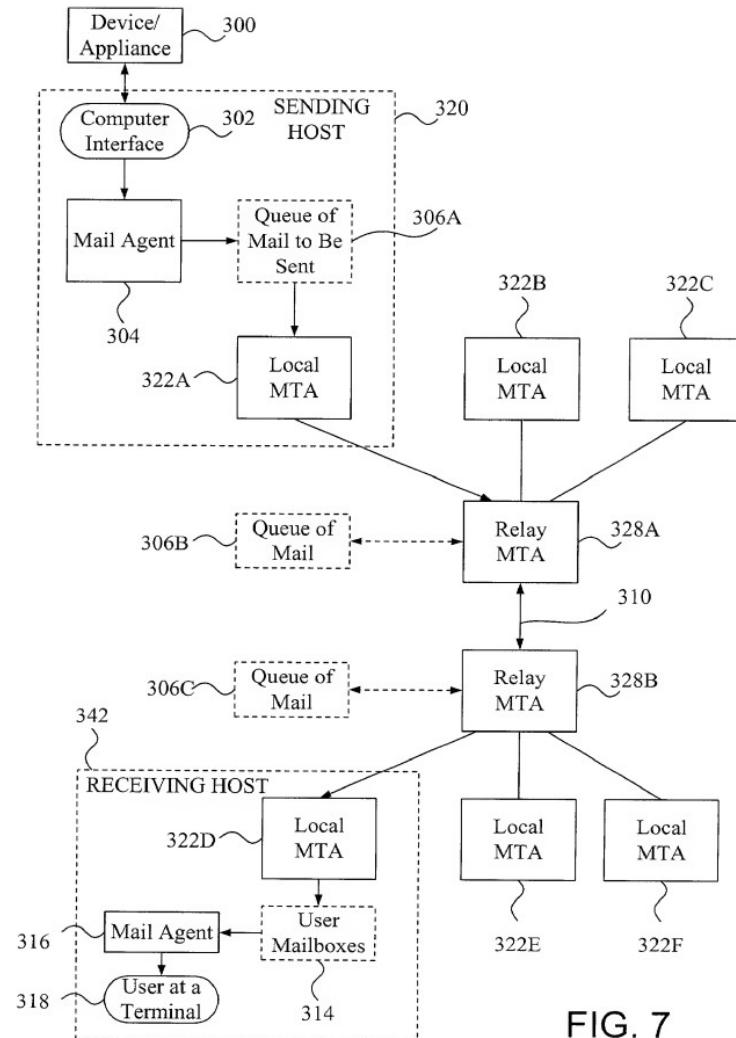


FIG. 7

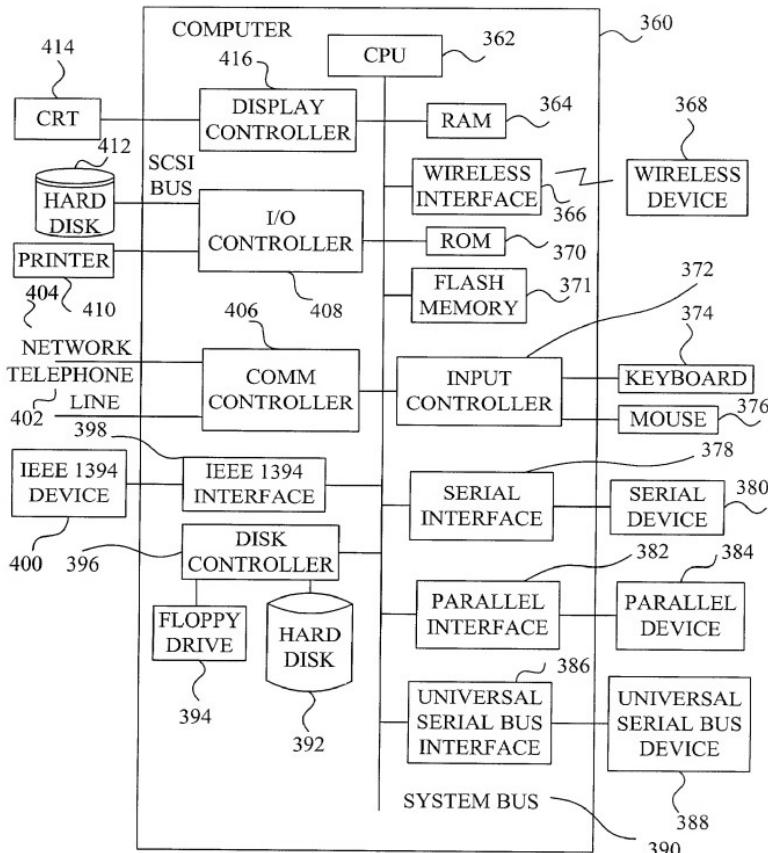


FIG. 8

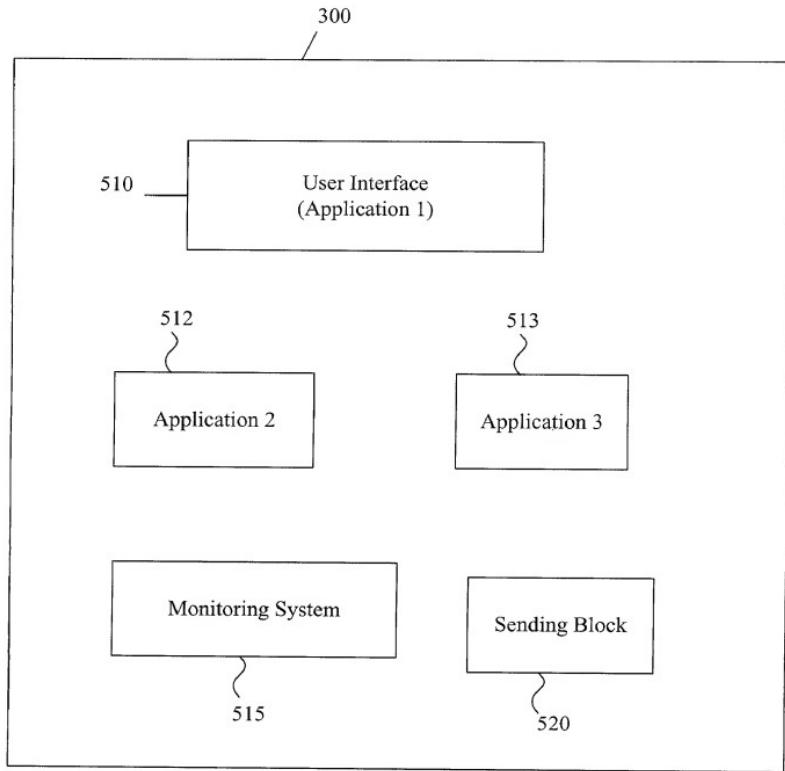
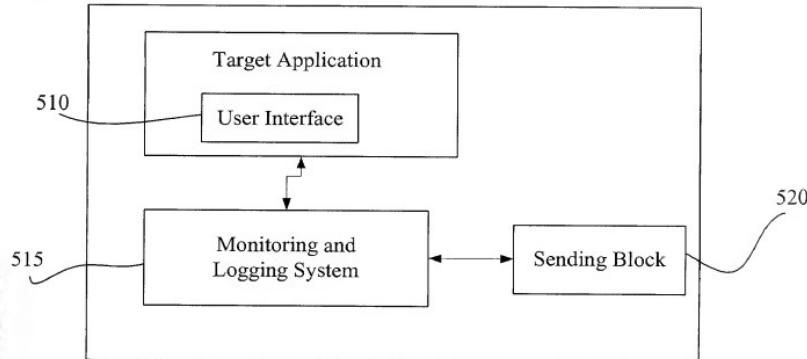


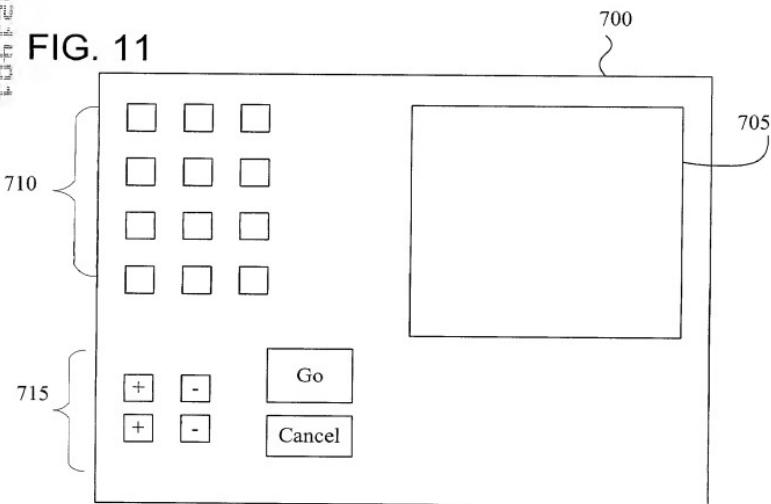
FIG. 9

FIG. 10



092003.024404

FIG. 11



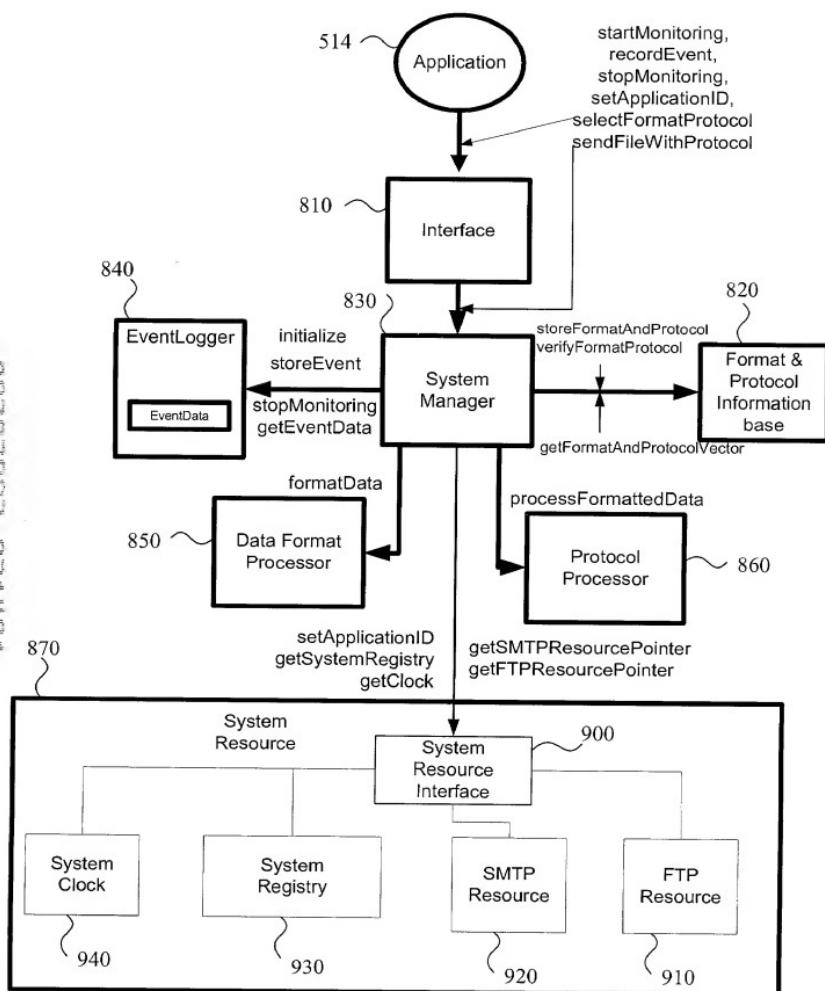


FIG. 12A

| Return Value                | Function Name         | Description  |
|-----------------------------|-----------------------|--|
| bool                        | getNextSession        | Returns false when there is no more session; true otherwise  |
| string                      | getFileName           | Returns file name for the EventData  |
| map<string, string>         | getSessionInformation | Returns the map. Keys are UserID, ApplicationID, CumulativeSessionNumber, StartTime, and Duration.   |
| map<string, vector<string>> | getSessionEventData   | Returns the map. Keys are EventName and EventTiming. The values of EventTiming vector are in the unit of 10th of a second converted from unsigned integer to string. |

FIG. 12B

097282083.0024404

| Return Value | Function Name         | Description   |
|--------------|-----------------------|---|
| bool         | getNextLine           | Returns one line of string data as an out parameter string. The function returns true if there is a line; false if no more line exists with empty string. |
| string       | getFileNameWithSuffix | Returns file name for the data with suffix if applicable  |
| enum         | getDataType           | Returns the data type, BINARY or TEXT   |

FIG. 12C

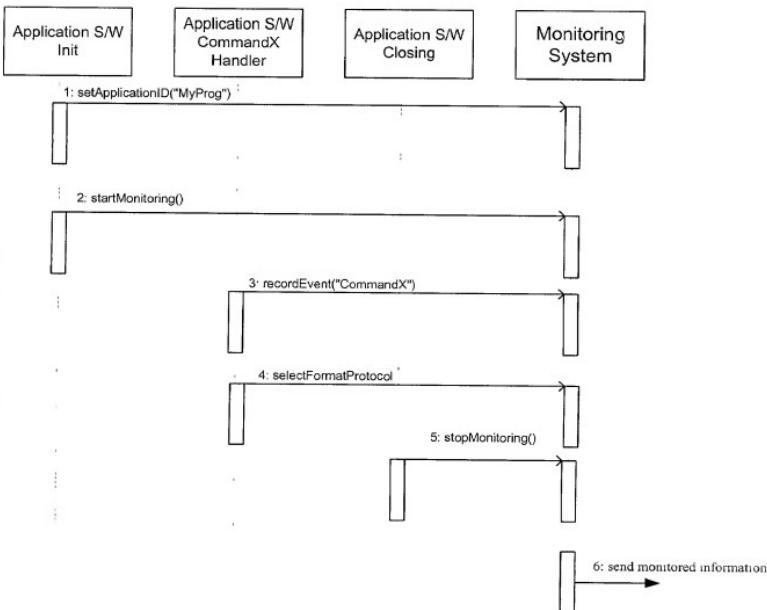


FIG. 13A

0972803-002402

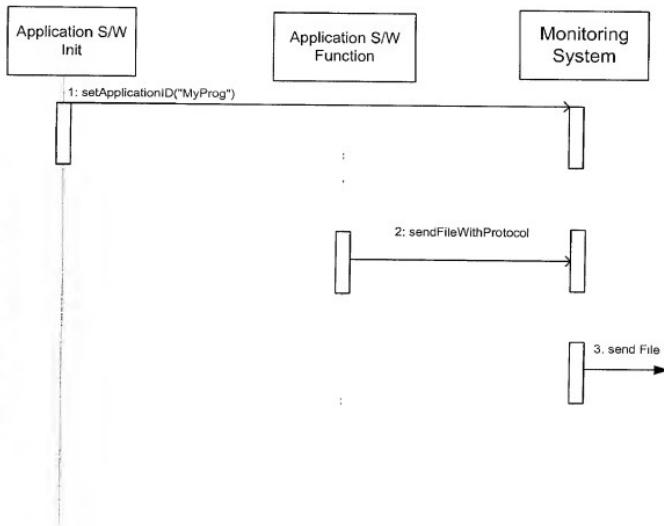


FIG. 13B

097282083-00000000

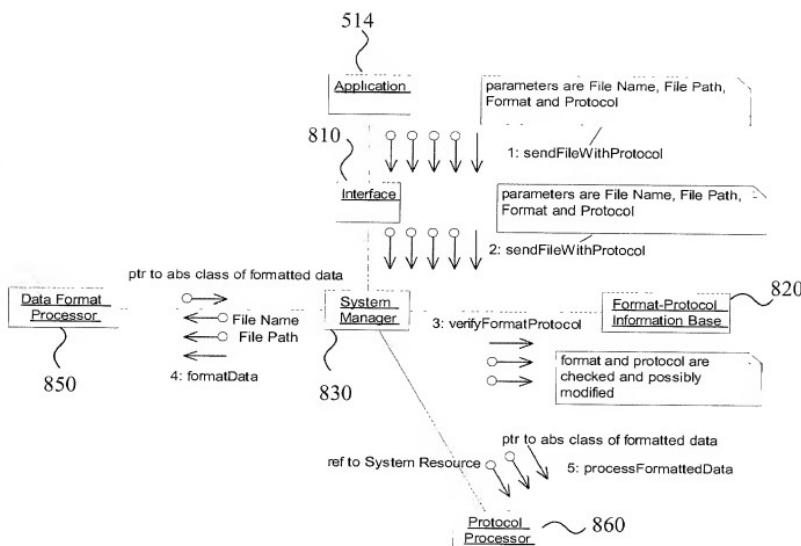


FIG. 14

00001440-3302-0000-0000-000000000000

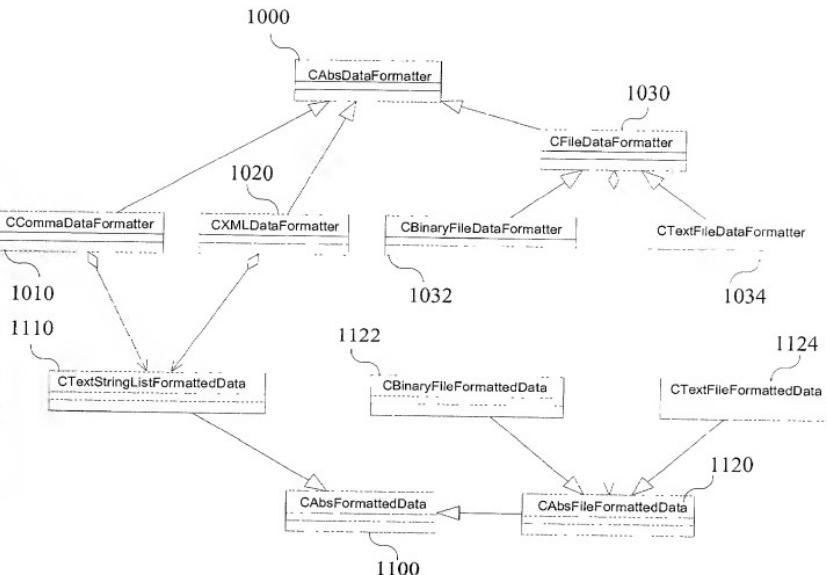


FIG. 15

00000000000000000000000000000000

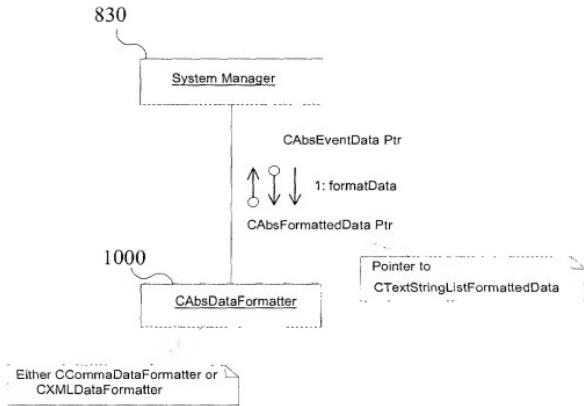


FIG. 16

09732083 0021001

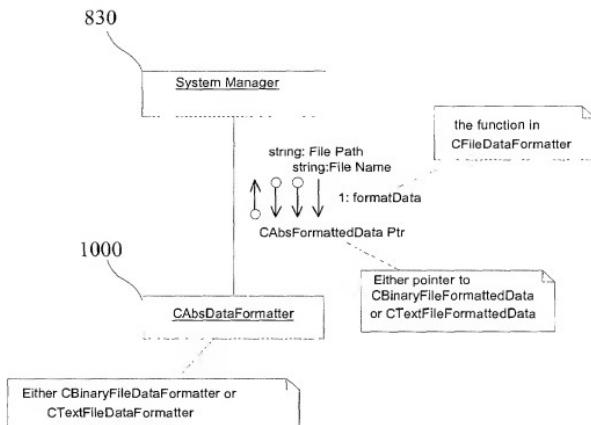
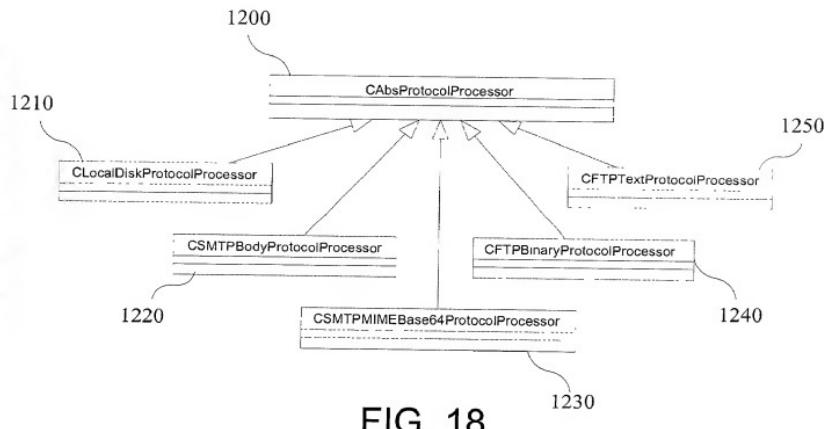


FIG. 17



0973820, FIGURE 19

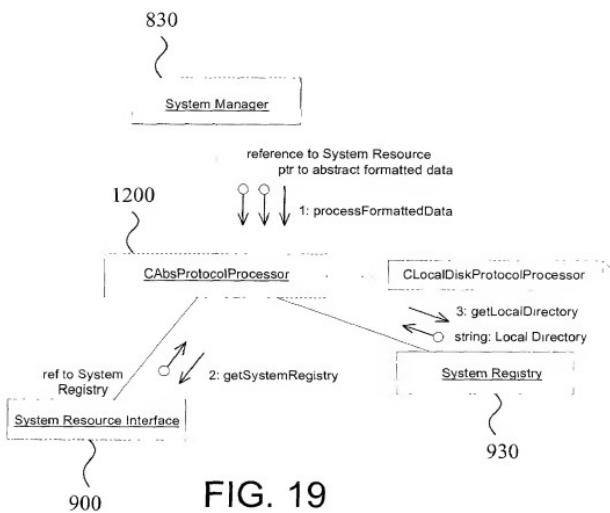


FIG. 19

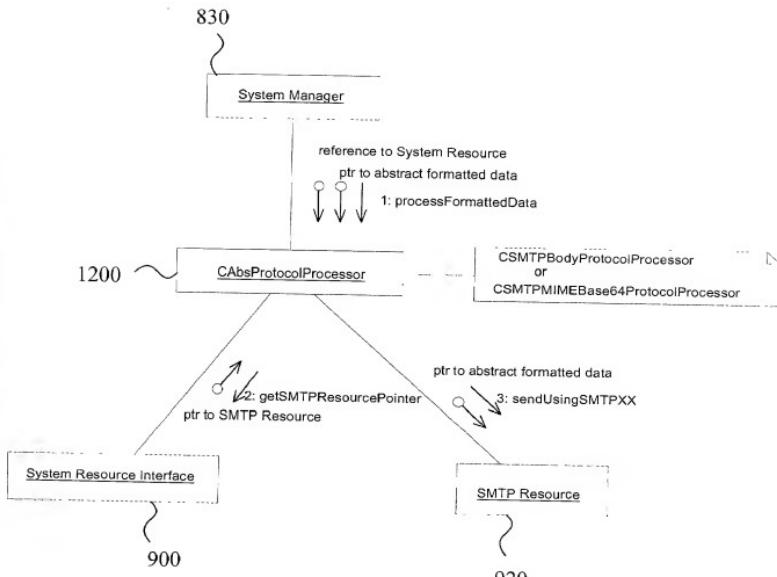


FIG. 20

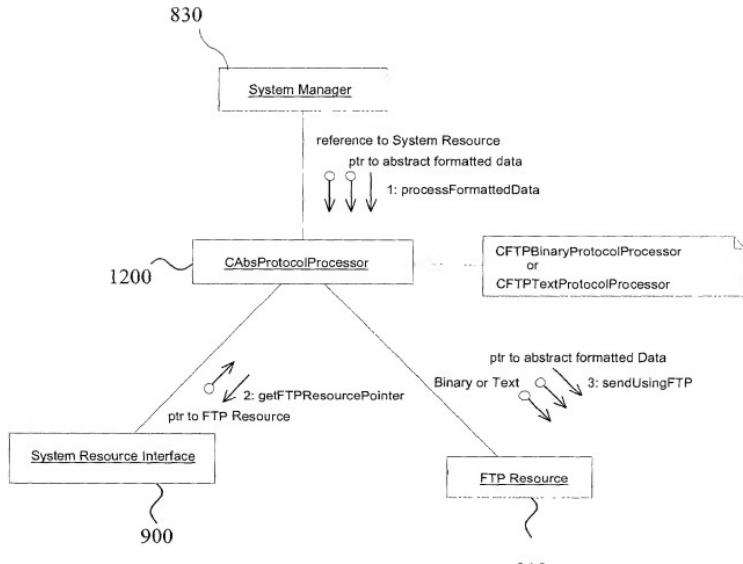


FIG. 21

001410320893-001410320893

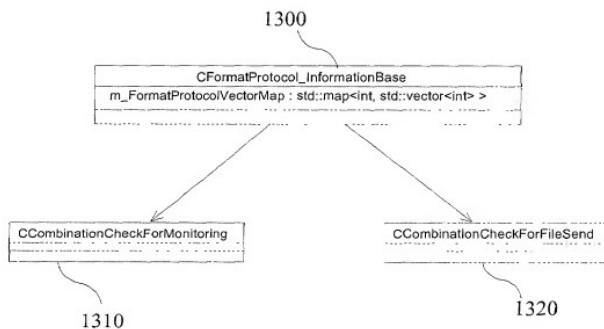


FIG. 22

201003202320232023

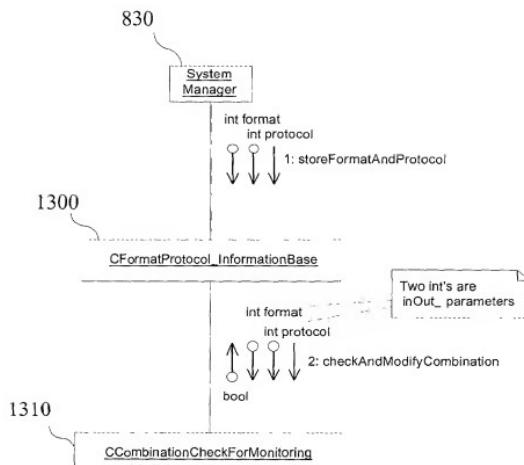


FIG. 23

Y04T2D-58028466

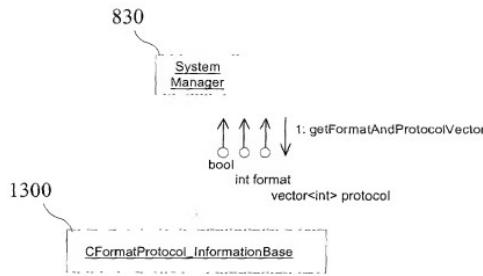


FIG. 24

09728283 "DETAILED"

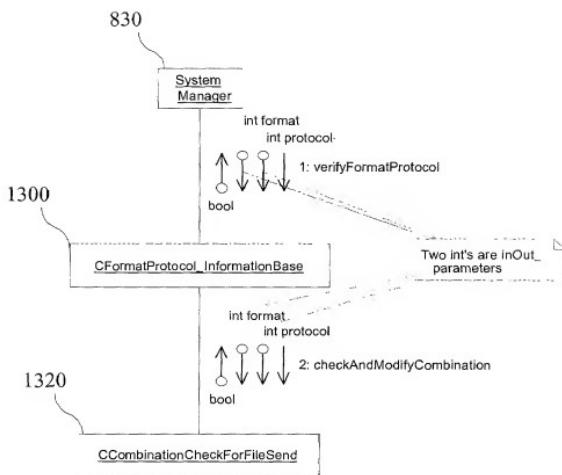


FIG. 25

| Key | Value                                   |  |  |  |  |
|-----|---|--|--|--|--|
| 10  | { 1      10      30      100      105 } |  |  |  |  |
| 20  | { 1      10      30      100      105 } |  |  |  |  |

FIG. 26A

1. Set return-bool to true
2. Use find function of the Map for inOut\_nFormat
3. If returned iterator is end (Not found), set inOut\_nFormat to the default value(10) and set return-bool to false
4. get the Set value for the key format
5. Use the find function of the Set for inOut\_nProtocol
6. if returned iterator is end (Not found), set inOut\_nProtocol to default (1) and set return-bool to false
7. return return-bool

FIG. 26B

| Key | Value  |     |       |   |   |    |    |    |    |     |     |     |     |
|-----|--|-----|-------|---|---|----|----|----|----|-----|-----|-----|-----|
| 1   | <table border="1"><thead><tr><th>Key</th><th>Value</th></tr></thead><tbody><tr><td>1</td><td>1</td></tr><tr><td>10</td><td>10</td></tr><tr><td>30</td><td>30</td></tr><tr><td>100</td><td>100</td></tr><tr><td>105</td><td>105</td></tr></tbody></table> | Key | Value | 1 | 1 | 10 | 10 | 30 | 30 | 100 | 100 | 105 | 105 |
| Key | Value  |     |       |   |   |    |    |    |    |     |     |     |     |
| 1   | 1  |     |       |   |   |    |    |    |    |     |     |     |     |
| 10  | 10   |     |       |   |   |    |    |    |    |     |     |     |     |
| 30  | 30   |     |       |   |   |    |    |    |    |     |     |     |     |
| 100 | 100  |     |       |   |   |    |    |    |    |     |     |     |     |
| 105 | 105  |     |       |   |   |    |    |    |    |     |     |     |     |
| 5   | <table border="1"><thead><tr><th>Key</th><th>Value</th></tr></thead><tbody><tr><td>1</td><td>1</td></tr><tr><td>10</td><td>30</td></tr><tr><td>30</td><td>30</td></tr><tr><td>100</td><td>105</td></tr><tr><td>105</td><td>105</td></tr></tbody></table> | Key | Value | 1 | 1 | 10 | 30 | 30 | 30 | 100 | 105 | 105 | 105 |
| Key | Value  |     |       |   |   |    |    |    |    |     |     |     |     |
| 1   | 1  |     |       |   |   |    |    |    |    |     |     |     |     |
| 10  | 30   |     |       |   |   |    |    |    |    |     |     |     |     |
| 30  | 30   |     |       |   |   |    |    |    |    |     |     |     |     |
| 100 | 105  |     |       |   |   |    |    |    |    |     |     |     |     |
| 105 | 105  |     |       |   |   |    |    |    |    |     |     |     |     |

FIG. 27A

```
1. Set return-bool = true
2. Use find function of the Map for inOut_nFormat
3. If returned iterator is end, set inOut_nFormat to
   the default value (5) and set return-bool to false
4. Get the Map corresponding to the key format
5. Use the find function of the Map for inOut_nProtocol
6. if returned iterator is end{
      set inOut_nProtocol to default (105)
      and set return-bool to false
    }
  else {
    return-bool = (inOut_nProtocol EQ
                  (Value field corresponding to
                   inOut_nProtocol))
    logical-AND return-bool.
    set inOut_nProtocol =
      (Value field corresponding to inOut_nProtocol).
  }
7. return return-bool
```

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FIG. 27B